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**SCULLY, SCOTT, MURPHY  
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**To: Examiner: Dalzid E. Singh  
Group Art Unit: 2633  
Confirmation No.: 1297**

**From: John S. Sensny, Esq.**

**Fax: (571) 273-8300**

**Pages: 14 (Including fax cover sheet)**

**Phone:**

**Date: March 7, 2006**

**Re: Applicants: Casimer M. DeCusatis, et al.  
Serial No.: 09/964,190  
Filed: September 26, 2001  
For: "WAVELENGTH MODULATION FOR  
OPTICAL BASED SWITCHING AND ROUTING"  
Docket: FIS920010143US1 (14581)  
JSS:gc**

**CC**

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1. Amendment Transmittal Letter (in duplicate);
2. Amendment under 37 C.F.R. §1.111;
3. Authorization to charge IBM Deposit Account No. 09-0458/IBM, if necessary; and
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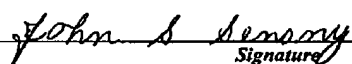
Applicants: Casimer M. DeCusatis, et al.  
Serial No.: 09/964,190  
Filed: September 26, 2001  
For: "WAVELENGTH MODULATION FOR OPTICAL BASED SWITCHING AND ROUTING"  
Docket: FIS920010143US1 (14581)  
JSS:jy

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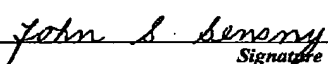
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<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>			<b>Docket No.</b>
Applicant(s): <b>Casimer M. DeCusatis, et al.</b>			<b>FIS920010143US1 (14581)</b>
<b>Application No.</b> 09/964,190	<b>Filing Date</b> September 26, 2001	<b>Examiner</b> Dalzid E. Singh	<b>Group Art Unit</b> 2633
Invention: <b>WAVELENGTH MODULATION FOR OPTICAL BASED SWITCHING AND ROUTING</b>			
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on <u>March 7, 2006</u> (Date)			
<u>John S. Sensny</u> (Typed or Printed Name of Person Signing Certificate)			
<u>John S Sensny</u> (Signature)			
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P18/REV02

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>					Docket No. <b>FIS920010143US1 (14581)</b>	
Applicant(s): <b>Casimer M. DeCusatis, et al.</b>						
Application No. <b>09/964,190</b>	Filing Date <b>September 26, 2001</b>	Examiner <b>Dalzyd E. Singh</b>	Customer No. <b>23389</b>	Group Art Unit <b>2633</b>	Confirmation No. <b>1297</b>	
Invention: <b>WAVELENGTH MODULATION FOR OPTICAL BASED SWITCHING AND ROUTING</b>						
<b>BEST AVAILABLE COPY</b>						
<u>COMMISSIONER FOR PATENTS:</u>						
Transmitted herewith is an amendment in the above-identified application.						
The fee has been calculated and is transmitted as shown below.						
<b>CLAIMS AS AMENDED</b>						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	3 -	20 =	0	x \$50.00	\$0.00	
INDEP. CLAIMS	2 -	3 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>09-0458/IBM</b> <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.						
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>						
 _____ Signature			Dated: <b>March 7, 2006</b>			
<b>John S. Sensny</b> <b>Registration No. 28,757</b>  <b>SCULLY, SCOTT, MURPHY &amp; PRESSER, P.C.</b> <b>400 Garden City Plaza, Suite 300</b> <b>Garden City, New York 11530</b> <b>(516) 742-4343</b>			<div style="border: 1px solid black; padding: 5px;">             I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____              (Date)              _____              Signature of Person Mailing Correspondence              _____              Typed or Printed Name of Person Mailing Correspondence           </div>			
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P11LARGE/REV09

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>					<b>Docket No.</b> FIS920010143US1 (14581)	
Applicant(s): Casimer M. DeCusatis, et al.						
Application No. 09/964,190	Filing Date September 26, 2001	Examiner Dalzid E. Singh	Customer No. 23389	Group Art Unit 2633	Confirmation No. 1297	
Invention: <b>WAVELENGTH MODULATION FOR OPTICAL BASED SWITCHING AND ROUTING</b>						
<b>BEST AVAILABLE COPY</b>						
<u>COMMISSIONER FOR PATENTS:</u>						
Transmitted herewith is an amendment in the above-identified application.						
The fee has been calculated and is transmitted as shown below.						
<b>CLAIMS AS AMENDED</b>						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	3 -	20 =	0	x \$50.00	\$0.00	
INDEP. CLAIMS	2 -	3 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					\$0.00	
<input checked="" type="checkbox"/> No additional fee is required for amendment.						
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____						
<input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.						
<input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0458/IBM						
<input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.						
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<input type="checkbox"/> Payment by credit card. Form PTO-2038.						
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>						
 Signature			Dated: March 7, 2006			
John S. Sensny Registration No. 28,757  SCULLY, SCOTT, MURPHY & PRESSER, P.C. 400 Garden City Plaza, Suite 300 Garden City, New York 11530 (516) 742-4343			<div style="border: 1px solid black; padding: 5px;"><p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</p><p>(Date)</p><p>_____ Signature of Person Mailing Correspondence</p><p>_____ Typed or Printed Name of Person Mailing Correspondence</p></div>			
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Applicants:** Casimer M. DeCusatis, et al.**Examiner:** Dalzid E. Singh**Serial No.:** 09/964,190**Group Art:** 2633**Filed:** September 26, 2001**Docket:** FIS920010143US1 (14581)**For:** WAVELENGTH MODULATION FOR  
OPTICAL BASED SWITCHING AND ROUTING**Dated:** March 7, 2006**Confirmation No.:** 1297**BEST AVAILABLE COPY**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**AMENDMENT UNDER 37 C.F.R. §1.111**

Sir:

In response to the Office Action dated December 7, 2005, please amend the subject patent application as follows.

**Amendments to the Specification** begin on page 2 of this paper.

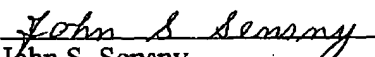
**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 6 of this paper.

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**CERTIFICATION OF FACSIMILE TRANSMISSION**

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**Dated:** March 7, 2006  
John S. Sensny